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RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/745,792A

TIME: 11:01:36

Input Set : A:\99-107 corrected sequence listing.txt

Output Set: N:\CRF4\04232004\I745792A.raw

```

4 <110> APPLICANT: Foster, Donald C.
5     Xu, Wenfeng
6     Madden, Karen L.
7     Kelly, James D.
8     Sprecher, Cindy A.
9     Brandt, Cameron S.
10    Rixon, Mark W.
11    Presnell, Scott R.
12    Fox, Brian A.
14 <120> TITLE OF INVENTION: Soluble Interleukin-20 Receptor
16 <130> FILE REFERENCE: 99-107
-> 18 <140> CURRENT APPLICATION NUMBER: US/09/745,792A
-> 18 <141> CURRENT FILING DATE: 2000-12-22
18 <150> PRIOR APPLICATION NUMBER: 60/171,966
19 <151> PRIOR FILING DATE: 1999-12-23
21 <150> PRIOR APPLICATION NUMBER: 60/213,416
22 <151> PRIOR FILING DATE: 2000-06-22
24 <160> NUMBER OF SEQ ID NOS: 72
26 <170> SOFTWARE: FastSEQ for Windows Version 3.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 176
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
34  Met Lys Ala Ser Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr
35  1      5      10      15
36  Leu Leu Trp Thr Pro Ser Thr Gly Leu Lys Thr Leu Asn Leu Gly Ser
37  20      25      30
38  Cys Val Ile Ala Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp
39  35      40      45
40  Ile Arg Gly Ser Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile
41  50      55      60
42  Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys
43  65      70      75      80
44  Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys
45  85      90      95
46  Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu
47  100     105     110
48  Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys His Ala
49  115     120     125
50  His Met Thr Cys His Cys Gly Glu Glu Ala Met Lys Lys Tyr Ser Gln
51  130     135     140
52  Ile Leu Ser His Phe Glu Lys Leu Glu Pro Gln Ala Ala Val Val Lys

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ENTERED

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53 145          150          155          160
54 Ala Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu
55          165          170          175
57 <210> SEQ ID NO: 2
58 <211> LENGTH: 152
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 2
63 Leu Lys Thr Leu Asn Leu Gly Ser Cys Val Ile Ala Thr Asn Leu Gln
64 1          5          10          15
65 Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser Val Gln Ala Lys
66          20          25          30
67 Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln
68          35          40          45
69 Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg
70          50          55          60
71 Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr
72          65          70          75          80
73 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys
74          85          90          95
75 Lys Asp Leu Arg Leu Cys His Ala His Met Thr Cys His Cys Gly Glu
76          100         105         110
77 Glu Ala Met Lys Lys Tyr Ser Gln Ile Leu Ser His Phe Glu Lys Leu
78          115         120         125
79 Glu Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu
80          130         135         140
81 Leu Gln Trp Met Glu Glu Thr Glu
82 145          150
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 151
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 3
90 Met Lys Ala Ser Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr
91 1          5          10          15
92 Leu Leu Trp Thr Pro Ser Thr Gly Leu Lys Thr Leu Asn Leu Gly Ser
93          20          25          30
94 Cys Val Ile Ala Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp
95          35          40          45
96 Ile Arg Gly Ser Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile
97          50          55          60
98 Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys
99          65          70          75          80
100 Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys
101          85          90          95
102 Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu
103          100         105         110
104 Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys Leu Glu
105          115         120         125

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106 Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu Leu
107      130                      135                      140
108 Gln Trp Met Glu Glu Thr Glu
109      145                      150
111 <210> SEQ ID NO: 4
112 <211> LENGTH: 127
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 4
117 Leu Lys Thr Leu Asn Leu Gly Ser Cys Val Ile Ala Thr Asn Leu Gln
118      1          5          10          15
119 Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser Val Gln Ala Lys
120          20          25          30
121 Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln
122          35          40          45
123 Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg
124          50          55          60
125 Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr
126          65          70          75          80
127 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys
128          85          90          95
130 Lys Asp Leu Arg Leu Cys Leu Glu Pro Gln Ala Ala Val Val Lys Ala
131          100         105         110
132 Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu
133          115         120         125
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 176
137 <212> TYPE: PRT
138 <213> ORGANISM: Mus musculus
140 <400> SEQUENCE: 5
141 Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala Val Gly Phe
142      1          5          10          15
143 Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His Leu Gly Ser
144          20          25          30
145 Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
146          35          40          45
147 Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp Ile Arg Ile
148          50          55          60
149 Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys
150          65          70          75          80
151 Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys
152          85          90          95
153 Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu
154          100         105         110
155 Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser
156          115         120         125
157 His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln
158          130         135         140
159 Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys

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```

160 145          150          155          160
161 Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu
162          165          170          175
164 <210> SEQ ID NO: 6
165 <211> LENGTH: 152
166 <212> TYPE: PRT
167 <213> ORGANISM: Mus musculus
169 <400> SEQUENCE: 6
170 Leu Lys Thr Leu His Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln
171 1          5          10          15
173 Ala Ile Gln Lys Glu Phe Ser Glu Ile Arg Asp Ser Val Gln Ala Glu
174          20          25          30
175 Asp Thr Asn Ile Asp Ile Arg Ile Leu Arg Thr Thr Glu Ser Leu Lys
176          35          40          45
177 Asp Ile Lys Ser Leu Asp Arg Cys Cys Phe Leu Arg His Leu Val Arg
178          50          55          60
179 Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp His His
180 65          70          75          80
181 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys
182          85          90          95
183 Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys Gly Glu
184          100         105         110
185 Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile Glu Leu
186          115         120         125
187 Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Gly Ile Leu
188          130         135         140
189 Leu Arg Trp Met Glu Glu Met Leu
190 145          150
192 <210> SEQ ID NO: 7
193 <211> LENGTH: 144
194 <212> TYPE: PRT
195 <213> ORGANISM: Mus musculus
197 <400> SEQUENCE: 7
198 Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
199 1          5          10          15
200 Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp Ile Arg Ile
201          20          25          30
202 Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys
203          35          40          45
204 Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys
205          50          55          60
206 Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu
207 65          70          75          80
208 Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser
209          85          90          95
210 His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln
211          100         105         110
212 Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys
213          115         120         125

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214 Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu
215      130                      135                      140
217 <210> SEQ ID NO: 8
218 <211> LENGTH: 154
219 <212> TYPE: PRT
220 <213> ORGANISM: Mus musculus
222 <400> SEQUENCE: 8
223 Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala Val Gly Phe
224   1          5          10          15
225 Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His Leu Gly Ser
226      20          25          30
227 Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
228      35          40          45
229 Ile Arg Asp Ser Val Ser Leu Asp Arg Cys Cys Phe Leu Arg His Leu
230      50          55          60
231 Val Arg Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp
232      65          70          75          80
233 His His Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile
234      85          90          95
235 Ile Lys Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys
236      100         105         110
237 Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile
238      115         120         125
239 Glu Leu Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Gly
240      130         135         140
241 Ile Leu Leu Arg Trp Met Glu Glu Met Leu
242      145         150
244 <210> SEQ ID NO: 9
245 <211> LENGTH: 130
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 9
250 Leu Lys Thr Leu His Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln
251   1          5          10          15
252 Ala Ile Gln Lys Glu Phe Ser Glu Ile Arg Asp Ser Val Ser Leu Asp
253      20          25          30
254 Arg Cys Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val
255      35          40          45
256 Phe Lys Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser
257      50          55          60
259 Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys
260      65          70          75          80
261 His Ser His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr
262      85          90          95
263 Asn Gln Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val
264      100         105         110
265 Val Lys Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu
266      115         120         125
267 Met Leu

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VERIFICATION SUMMARY

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18 M:270 C: Current Application Number differs, Replaced Current Application No

18 M:271 C: Current Filing Date differs, Replaced Current Filing Date